HAMMERSMITH UNION COMPETITION.—We understand that Mr. R. P. Browne's plan has been chosen as the best. The arrangement is nearly the same as in the Greenwich Union. Twenty-six sets of designs were sent in.

A SURVEYOR IS WANTED in a day or two for the Hereford Turnpike Trust, with a salary of 250*l.* to 300*l.* a year.

TENDERS

Delivered for a church and parsonage-house to be built at Penge, near Sydenham station:—

	Church.	House.
Keast and Moon	£5,800	£1,490
Pritchard	5,724	1,600
R. Robinson	4,838	1,813
Curtis	4,573	1,635
Higgs	4,446	1,563
Myers	4,058	1,519

For baths, &c., for the establishment in St. Martin's-in-the-Fields:—

Bramah and Prestage	£2,900 0 0
Burbidge and Healy	2,219 10 10
Mather	1,656 18 4
Freeman Roe	1,551 0 0
Cottam and Hallen	1,494 0 0

MEETINGS OF SCIENTIFIC BODIES

Held during the ensuing week.

MONDAY, March 20.—Institute of British Architects, 8 P.M.

TUESDAY, 21.—Institution of Civil Engineers, 8 P.M.

THURSDAY, 23.—Royal Society, 8½ P.M.; Society of Antiquaries, 8 P.M.

FRIDAY 24.—Archæological Association, 8½ P.M.; Architectural Association.

TO CORRESPONDENTS.

"*Half-Acre.*"—The letter contains no reason why the addition may not be made. Take proper advice.

"*Constant Reader.*"—Apply at the school, Somerset-house.

"*J. W.*"—There is a copy in the library of the Institute of Architects.

"*Old Subscriber.*"—We have not time to supply such individual information as he asks for.

Received—"J. I." "Feltham." "H. B." "P. H. F." "N. N." (shall appear). "J. C." "J. F. W." "A. B. H." "J. T. W." "Novice." "H. B." "C. R." "W. H. D." "A Reader." "J. H." "Revue Generale de l'Architecture," No. 9, vol. 7. "People's Library of Science and Art," Nos. 1 and 3 (Blakelock). "Principles of Geometry, Mensuration, Land Surveying, &c." for schools, &c. By Thomas Tate. Longman and Co. "Second Report of Metropolitan Sanitary Commission."

"*Books, Prices and Addresses.*"—We have not time to point out books or find addresses.

ADVERTISEMENTS.

NOTICE to ARTISTS and MANUFACTURERS of the USEFUL and ORNAMENTAL ARTS, and to PATENTEES of NEW INVENTIONS, especially of WORKING MODELS which can be put in motion.—ROYAL POLYTECHNIC INSTITUTION, incorporated by Royal Charter in 1839.—The Directors here to announce the above parties that the Institution, during the present month of March, will RECEIVE BENEFITS of WORKS of MERIT. By means of extensive well-lighted additions to the premises, works of art will be arranged and exhibited with greatly increased advantage to the depositors. It is determined as far as may be practicable, that a separate table, or glass case, shall be appropriated to each Depositor who forwards illustrations of the process of his manufacture with his finished work. Parties will be furnished with full particulars at the Institution, 309, Regent-street; if by personal application, from eleven to one o'clock.

The INSTITUTION will be RE-OPENED to the Public early in April next. R. J. LONGBOTTOM, Secretary.

GENERAL PRACTICAL SCHOOL OF ART at the New Gallery, 73, Newman-street, Oxford-street; Mr. J. M. LEIGH, Master. The above School is now open of a Morning, with Classes for Ladies, and of an evening for Gentlemen. Prospectuses, &c., may be obtained at the Gallery; and of Mr. R. W. HERMAN, Hon. Sec., 34, Greenwood-street, Grosvenor-square.

ESTIMATING BUILDERS' WORK.

MR. REID, Author of "The Young Surveyor's Preceptor," continues to give PRIVATE and CONFIDENTIAL INSTRUCTION in Measuring and Estimating every description of Builders' Work, and making out and Valuing Bills of Quantities. Mr. R. also takes a select number of young Pupils to instruct in Drawing, Measuring, Estimating, and in making out Builders' Accounts, and qualifies them expeditiously for Salary Clerks in Builders' and Surveyors' offices. Terms very moderate.—39, Red Lion-square, Holborn.

TO ARCHITECTS—COMPETITION AND OTHER DRAWINGS

MR. THOMAS S. BOYS, Member of the New Society of Painters in Water Colours, and author of "The Picturesque Architecture of Paris, Ghent, Rouen, &c.," and of "London as it is," offers his services in Tinting Backgrounds, Landscapes, Perspective Views, Interiors, &c. From the long experience he has had in such subjects, he is fully aware of the points essentially necessary to be attended to, Drawings and designs lithographed in a superior manner.—Address, Mr. BOYS, 61, Great Titchfield-street, Oxford-street.

TO ARCHITECTS, BUILDERS, &c.

P. DOWLING, Modeller and Scagliola Manufacturer, begs leave to say that he continues to get his Work up in such a superior style, with Low Prices, aided with expedition, that he is deserving of patronage. Specimens to be seen at No. 18, Drury-lane, in the following Capitals of the different Orders:—Centre Flowers, Enrichments of every description.

P. D's style of Scagliola, both in imitation of Marble aided with a brilliant Polish, which produces an article superior to any yet offered to the public.

By Her Majesty's Royal Letters Patent.

BAILLIE'S PATENT ROUNDED RIM LOCKS, WITH SECRET AND SECRES FIXINGS.

THIS CHEAP and USEFUL ARTICLE obviating the unsightly appearance and insecurity of the common rim lock, can be obtained from the Manufacturers, Messrs. CARPENTER and TILDESLEY, Willenhall; or from the sole Agent, Mr. JOHN FAULKNER, Ironmonger, 69, St. Martin's-le-Grand, London, opposite the new Money-Order Office.

PORTER'S CORRUGATED and PATENT GALVANIZED IRON ROOFING WORKS, Southwark-bridge (and the Green), Southwark. At the above Works the Public are assured of having the superior make, and by the Patent process of Galvanizing Iron as first introduced into this Country, with many improvements in its application to Roofs, Buildings, &c. Every description of Building, Railway, and other Iron and Smith's work Manufactured of the best quality. Iron and Fence Hurdles as usual.—The Trade supplied.

TO ARCHITECTS, BUILDERS, AND BRICK MAKERS.

PUMPS of Superior CONSTRUCTION, bored perfectly true by improved machinery, in various plain and ornamental patterns for Compartments, Squares, Market Places, Roads, Gardens, and for Liquid Manure. BRICK-MAKERS' PUMPS, in Wrought and Cast Iron. HYDRAULIC LIFT PUMPS, and ENGINES for Wells of any depth. SINGLE and DOUBLE PUMPS up to twelve-inch bore, kept for Hire.

BENJ. FOWLER, 63, Dorset-street, Fleet-street.

IRON-WORK FOR BAKERS' OVENS.

F. A. TIDDEMAN, Purfleet Wharf, Earl-street, Blackfriars, keeps an assortment of Stocks, or Mouth-pieces; Plates, Furnace-bars, Top and Fall Pieces, Stoppers, Chimney-bars, Inside, Outside, and Ash pit; Doors and Frames, Bottoms and Frames, Lamps, &c., &c.; all of the best description, at very moderate prices.—CAST-IRON UPERTS.

BURRIDGE and HEALY, 130, FLEET-STREET, LONDON, beg respectfully to inform the Building Public that they fit up COOKING ARRANGEMENTS for large Mansions, with patent appliances on scientific principles, which ensure greater economy and efficiency than hitherto attained. Also HOT WATER APPARATUS, upon improved and scientific principles, which they recommend for its peculiar safety for the Warming of Mansions, &c.

They fit up Laundries with Hot Water Apparatus, for Drying in a cleanly, expeditious, and safe manner. They also fit up BATHS with elegant arrangements, with every modern scientific improvement. Also Apparatus for the plentiful supply of Hot Water for Baths and general use of Mansions and large establishments.

TO ARCHITECTS, BUILDERS, &c.

R. HENLY and Co., WHOLESALE IRONMONGERS, and Manufacturers of KITCHEN-RANGES, STOVES, &c., 181, Blackfriars-road, and 117, Union-street, Borough.

Strong Self-acting Kitchen Ranges, with Back Boiler and Oven, and Wrought Bars:—

2 ft.	2 ft. 3 in.	2 ft. 6 in.	3 ft. 6 in.	4 ft.
£3 4s.	£3 12s.	£3 16s.	£4.	£4 10s.

Henly's Patent Improved, with back Boiler and Wrought Iron Oven:—

2 ft.	2 ft. 3 in.	2 ft. 6 in.	3 ft. 6 in.	4 ft.
£3.	£3 12s.	£3 3s.	£4 10s.	£5.

Best Register Stoves, at 7d., 8d., and 9d. per inch.
Do. Elliptic do. at 10d. and 6d. do.

Manufacturer of WOLFASTON'S PATENT REGISTER STOVES, a certain cure for SMOKY CHIMNEYS, and effecting a great saving in fuel. To be seen in use daily.

Orders from the Country, accompanied with a remittance or references, will meet with prompt attention.

TO BUILDERS and CARPENTERS.—Elliptic Stoves, double backs, 3d. per inch. Registers, 6½d., 7d., 8d. per inch.

Cottage Ranges, with Oven and Back Boiler, 2 ft., 3s.; 2 ft. 3 in., 3 ft. 4s.; 3 ft. 6 in., 4 ft. 4s.; 4 ft. 6s.

Self-acting Ranges, with Circular Oven and Back Boiler, best Wrought Bars and Bright Fittings.

2 ft.	2 ft. 3 in.	2 ft. 6 in.	3 ft. 6 in.	4 ft.
£2.	£2 2s.	£2 15s. 6d.	£3 15s. 6d.	£4.

Best Patent Cut Clasp.

8d.	9d.	10d.	11d.	1s. 6d.	1s. 10d. per 1,000.
3d.	4d.	6d.	8d.	10d.	2d.

Best Sheet Floor Brads 1s. per cwt.
Best Town Glue 50s. Do. Needle, 4s. per cwt.

Best Patent Sash Line.

4s. 9d.	5s.	6s. 6d.	7s. 6d.	9s.	7½ per gross.
1	0	1	0	1	0

At F. B. WILLIAMSON'S IRONMONGERY and STOVE WAREHOUSE, 31, Chiswell-street, Finsbury-square.

Lists of Prices had on application at the Warehouse; if by letter pre paid, inclosing postage stamp.

OLD-ESTABLISHED WHOLESALE IRONMONGERY WAREHOUSE, Kitchen ranges, and Stove-grate Manufactory, 18, Cross-street, Walworth.

JOHN GRICE most respectfully solicits the attention of Architects, Builders, and Carpenters, to his Stock of Black and Bright Stoves, Kitchen Ranges, &c., &c.

Black Registers, from 6½d. per in and upwards.
Bright ditto with Black and Bright Bars, 8½ in and upwards.
Self-acting Kitchen Ranges, with Oven and Back Boiler, Wrought Bars, Fittings Bright:—

2 ft.	2 ft. 6 in.	4 ft.
£2. 7s.	£2. 15s.	£4. 5s.

All articles made on the premises and warranted, and delivered free of carriage within five miles of London. Bell-hanging in superior style, hung in secret, 4s. per bell.

R. FULKES, Wholesale Ironmonger, Stove and Range Manufacturer, 21, Park-street, Camden Town, London.

Best Cut Clasp Nails, 10s. per cwt.
Best Cast Lath Nails, 11s. 6d. per cwt.
Best 8-inch Mortice Locks, with large Brass Furniture, Fitted with Dicces' Patent Spindles, 40s. per dozen.
Best Butt Hinges, 3 in., 2d. per dozen and 3 in.
1s. 2d. 1s. 6d. 2s. 6d. per dozen pair.
Elliptic Stoves, 3½ per inch.
Register Stoves, 6½d. per inch.
Best Self-acting Ranges, fitted complete—

2 ft.	2 ft. 6 in.	4 ft.
£2. 12s. 6d.	£2. 7s. 6d.	£4. 10s. 0d. each.

Orders from the Country, containing a remittance or Post-office order, made payable at the Camden Town Post-office, forwarded same day.

TO BUILDERS AND CARPENTERS.

BURT and POTTS, York-street, Westminster, Wholesale and Retail Ironmongers, Smiths and Stove Grate Manufacturers. Delivered free within five miles.

Cast Iron Rain-water Pipe:—

2 in.	2½ in.	3 in.	3½ in.	4 in.
1s. 1d.	1s. 3d.	1s. 5d.	1s. 8d.	2s. 2d. per yard.

Sheet Floor Brads, 1½d. per cwt. All other Nails in proportion.
Register Stoves with inside backs, 6½d. and 7½ per inch, and upwards.
A variety of Best Black Grounds and Bright Register Stoves.
Elliptic Stoves, with inside back, 3½d. per in.
Self-acting Ranges with Circular Ovens, Back Boilers, and Wrought Bars:—

2 ft.	2 ft. 6 in.	4 ft.
£2.	£2. 5s.	£3. 15.

Iron and Steel of every description.

IRONMONGERY WAREHOUSE 18, Blandford-street, Hanover-square, leading from Baker-street, Portman-square.

TO BUILDERS and CARPENTERS.—In consequence of the recent reduction in the Price of Iron, the following are the present Prices of Nails, &c., at the above Warehouse:—

Best Patent Cut Clasp.

4d.	6d.	10d.	20d.	per 1,000
8d.	8d.	1s. 6d.	1s. 10d.	"

Cast Brads.

2 in.	2½ in.	2½ in.	3 in.	
11d.	1s. 2d.	1s. 6d.	2s.	per doz

Also Best Patent Sash Line.

3	4	5	6	per doz. knots.
6s. 9d.	7s. 9d.	10s.	12s.	

Every other article equally reasonable.

Catalogues of Prices can be had on pre-paid application, inclosing postage stamps.—Country orders will meet with immediate attention, and will be executed either upon the receipt of a remittance for the same, or of a satisfactory reference in London.

JOHN and EDWIN YOUNG, Proprietors.

SMITH and ENGLISH, ENGINEERS, BUILDERS, MACHINISTS, IRON and BRASS FOUNDERS, and GENERAL MANUFACTURERS, PRINCES-STREET, LEICESTER-SQUARE, LONDON.

CAST-IRON PIPES, for Gas, Water, or Drainage, 1½ to 12 inches diameter, with every requisite connection. Lamp Columns and Newel Grates of various patterns. Wrought-iron Tubing of an approved manufacture. In stock at KELLY and WHITTON'S Iron Wharf, 68, Bankside, London. Founders, Columns, and Castings of any description to pattern or drawing.

RAIN-WATER PIPES, Heads, Shoes, and Elbows. Half-round and O G Gutters, Sash Weights, Railing, Bars, Sash and Stable Traps and Gratings, Air Bricks, Coal Plates, &c.; Gas and Water Pipes from 1½ inch to 12 in. in diameter, with Heads, Branches, Syphons, and Lamp Columns; also Hot-water Pipes, with all the usual connections. A large stock of the above Castings at JONES'S Iron Bridge Wharf, No. 6, Bankside, Southwark.

FLEXIBLE PIPES AND TUBING FOR PUMPS, ENGINES, GAS, &c.

PATENT VULCANIZED INDIA-RUBBER HOSE-PIPE and TUBING of every description. These Pipes are made to stand hot water and gas without injury; and as they do not become stiff in the coldest temperatures, or require any application when out of use, are particularly well adapted for Fire-Engines. Vulcanized India-rubber Washers for steam and hot-water joints, &c., of all sizes.—Sole Manufacturer, JAS. LINE HANCOCK, Gosswell-mews, Gosswell-road, London.

IRON FOUNDRY, 9, Brick-lane, Old-street, St. Luke's.—J. J. JONES having made great additions to his STOCK OF PATTERNS, begs to inform the Trade, that he can now supply them with Plain and ornamental Iron Columns, Girders, Railings, Gates, Iron Coping, Balconies, Window Guards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Tomb Enclosures, Trellis Paneling, Lamps and other Brackets, Counterfeits, Newel Bars, Water Closet Work, Area Gratings, Pig and other Wheels, Wheel Plates, &c.

BAKER'S OVEN WORK, Forge Backs and Troughs, Rain Water Pipes and Gutters, Sash Weights, Furnace Bars, Stoves, Ranges, &c., always in stock.

IRON FOUNDRY, 168, DRURY LANE, and CHARLES-STREET, DRURY-LANE.

JOSEPH GLOVER,

Solicits the attention of the Trade to his extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, consisting of those for every purpose either structural or ornamental.

Wheel Plates and Steam Engine Patterns; Range Stoves and Hot Plate Metal.

A stock of Rain-Water Pipes, Plain and O G Gutterings, Air Bricks, Sash Weights, &c. &c.

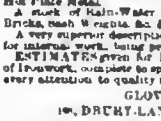
A very superior description of Sash Door, particularly suitable for internal work, being perfectly secure, and not unsightly.

ESTIMATES given for IRON ROOFING and every description of Ironwork, complete to specification, and the work executed with every attention to quality and dispatch.

GLOVER'S FOUNDRY, 168, DRURY-LANE, and CHARLES-STREET.

TO ARCHITECTS, BUILDERS, &c.

COPPER-WIRE CORD.—R. S. NEWALL and CO.'S PATENT IMPROVED COPPER-WIRE CORD for WINDOW BASIN LINES, Hot-houses, Lightning Conductors, Hanging Pictures, Clock cord, and various other purposes for which hempen rope has hitherto been used. This new and valuable Patent is not superseding the use of the hemp cord, and is strongly recommended to all builders and other parties connected with the above. The Wire Cord may be had Wholesale, and specimens sent at the office of the Patentees, No. 16, Fenchurch-street, W. T. ADAMS, Agent; or retail, of J. DEANE, 46, King William-street, and F. PARKS, 168, Fleet-street; also of all respectable Ironmongers.



DR. ARNOTT'S CHIMNEY VENTILATOR.

F. EDWARDS, Stove Maker to her Majesty, 39, Poland-street, Oxford-street, begs to call the attention of Architects, Builders, Gas-fitters and the Public, to the truly invaluable advantages to be derived from the use of Dr. Arnott's Valve for the Ventilation of Rooms of every description.

Prices from 7s. 6d. to 30s. each. A prospectus, containing full particulars, to be had on application.

SMOKY CHIMNEYS—NO CURE, NO PAY.

Twenty-five years' extensive experience in all the branches of a stove manufacturing business, and the cure of smoky chimneys of every description, fully justifies F. E. in stating that he can undertake the cure of smoky chimneys on the above equitable terms.

GRANT'S PATENT ROTARY WIND-GUARD, for the prevention of Down Draughts and cure of smoky Chimneys, by discharging a strong Current of Air at the Mouth of Chimney Pot. The attention of the Public and the Trade is respectfully directed to this simple Apparatus. The Patentee guarantees its effecting the purposes named. Let the wind blow from what quarter it may, it is not liable to derangement; can be easily and cheaply applied, and does not in any way interfere with the Sweeping the Chimney.—Manufactured by the Patentees, LAMBERT and GRANT, 21, Finsbury-street, Eaton-square.

WILSON and Co.'s PATENT VENTILATING CHIMNEY-POT, for the Cure of Smoky Chimneys, has been tested extensively throughout the Kingdom for the last three years, and has proved to be an effectual remedy.

The Patent Pots cannot corrode or get out of order, and can be effectually swept by the sweep's machine.

J. W. and Co. had the honour of fixing upwards of 300 of the Patent Ventilating Chimney Pots, in Windsor Castle, to cure the chimneys of Buckingham Palace; since which a number have been fixed at Windsor Castle.

The Patent Pots have proved to be the most effectual invention ever yet discovered, and also unrivalled for their ornamental appearance; they are manufactured of artificial Stone Cement, Iron, or Zinc.

The Trade supplied with them at the Manufactory.

VALE PLACE, HAMMERSMITH, MIDDLESEX.

Inquiries from the Country to be addressed to Messrs. Wilson and Co., at their Manufactory, as above. Prices and prospectuses forwarded by return of post.

N.B. Licences granted to Manufacturers.

ELDRED'S ART EXPOSITION, for the Promotion of English Talent, for Manufactures and Commerce, 168, New Bond-street.—The intention is, as far as possible, that constantly shall be placed before the public all productions of British design and manufacture, mainly showing the great improvement that has lately been introduced into manufactures connected with the Fine Arts, and if these productions are appreciated and patronised, "Great Britain" may assume an Artistic station proportionate to her rank in Manufacturing skill.—London, adjoining the Clarendon.